



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090158-B

Mode: Highway

Status: Submitted

NC-211

From/Cross Street: SR 1241 near Seven Lakes

Specific Improvement Type: 2 - Upgrade Arterial to Freeway/Expressway

To: NC 73 in West End

Project Category: Regional Impact

Length: 4.09

TIP#: R-2591

Fully Funded in Draft STIP? No

Cost to NCDOT: \$40,254,000

Description:

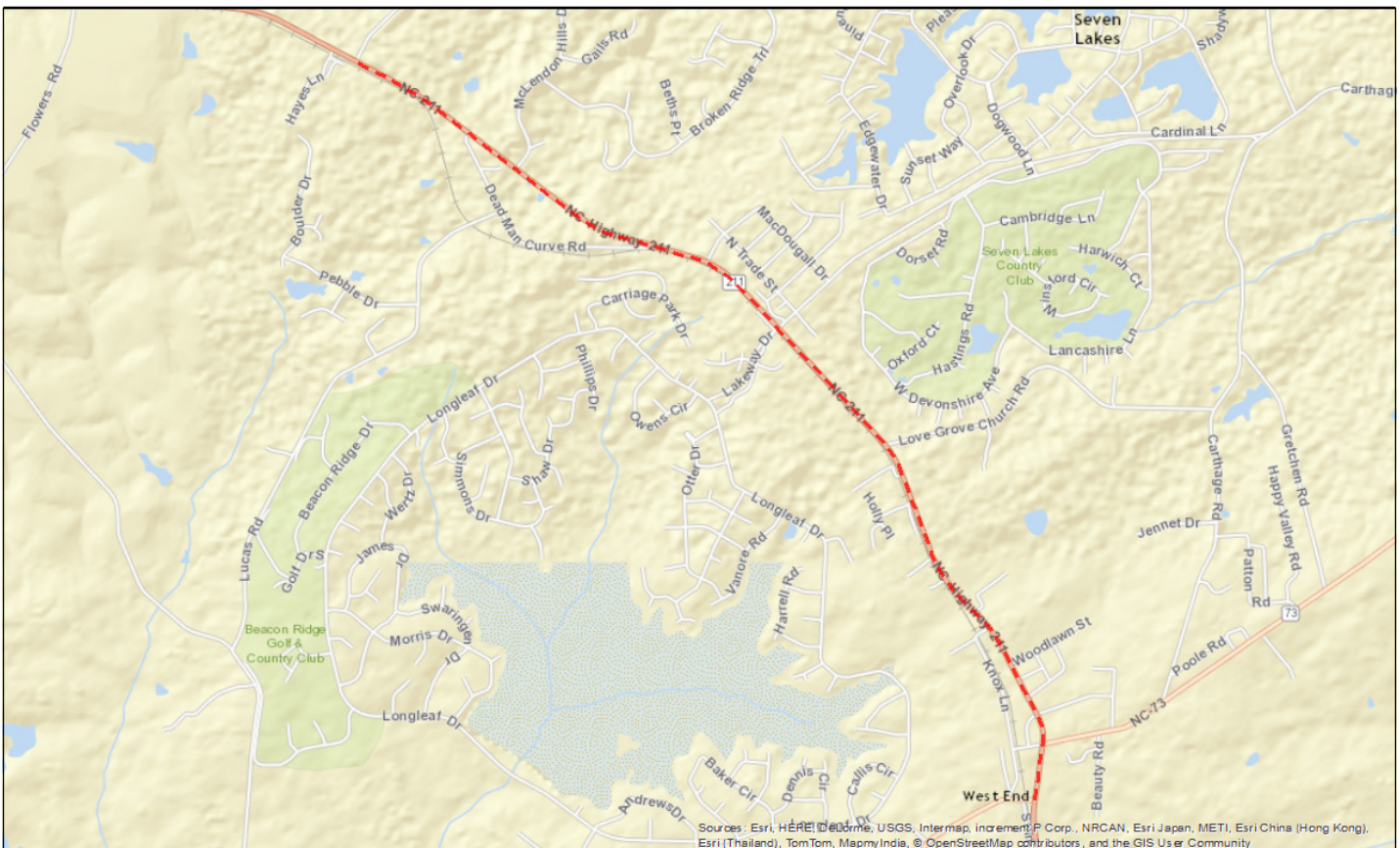
Widen to Multi-Lanes

Division(s): Division 8

County(s): MOORE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 50.38

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 47.85	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 52.89		
[Travel Time] Benefit/Cost (25%) 0.48		
Accessibility / Connectivity (10%) 30.14		
Totals: Weight: 70% Weighted Score: 20.38		

Division Needs Total Score: 14.95

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 47.85	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 52.89		
[Travel Time] Benefit/Cost (20%) 0.48		
Totals: Weight: 50% Weighted Score: 14.95		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	4.09
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	11203.3
Capacity:	15500
Volume/Capacity Ratio:	0.72
% Autos:	91%
% Trucks:	9%
Truck Volume:	962.58
Crash Density:	72.31
Crash Severity:	29.64
Critical Crash Rate:	56.74
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	83
Actual Congested Speed:	44.4
Travel Time Index:	1.18

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.09
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	844898.04
Travel Time Savings for 30 Years (Autos):	772304.88
Travel Time Savings for 30 Years (Trucks):	72593.16
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$26,021,000	Cost Estimation Tool
Right-of-Way Cost:	\$12,708,000	Cost Estimation Tool
Utilities Cost:	\$1,525,000	Cost Estimation Tool
Total Project Cost:	\$40,254,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$40,254,000	